

Table S9. Noncoding DHSs tested in enhancer activity assay in transgenic worms

CRM ID	DHS Informal Name	Coordinates (ce10)	Size	Expression Pattern driven by DHS
	hlh-1 1st intron	chrII:4,519,601-4,519,750	150bp	
A1	ceh-13 1st intron	chrIII:7556561-7556710	150bp	pharynx
A2	ceh-13 3' distal	chrIII:7558721-7558870	150bp	uv2
A3	ceh-13 3' more distal	chrIII:7559841-7559990	150bp	anterior BWM
	unc-120 intron	chrI:8,461,279-8,461,428	150bp	
B1	icl-1 distal	chrV:729201-729350	150bp	hypodermis, seam cells
B2	icl-1 promoter	chrV:728,104-728,253	150bp	intestine. pharynx, bright eggs
B3	icl-1 intron (L1)	chrV:726981-727130	150bp	intestine, body wall muscle, hypodermis
	icl-1 intron	chrV:727141-727290	150bp	
	pha-4 upstream 1	chrV:20,748,021-20,748,390	370bp	
C1	pha-4 upstream 2	chrV:20749101-20749250	150bp	hypodermis
C2	pha-4 promoter 3 (L1)	chrV:20752321-20752470	150bp	uterus, vulva (likely vulC), seam cells (small number of animals)
C3	pha-4 promoter 4	chrV:20,752,621-20,752,790	170bp	somatic gonad
	pha-4 intron 7	chrV:20,756,481-20,756,630	150bp	
C4	pha-4 downstream 11	chrV:20,761,881-20,762,050	170bp	pharynx